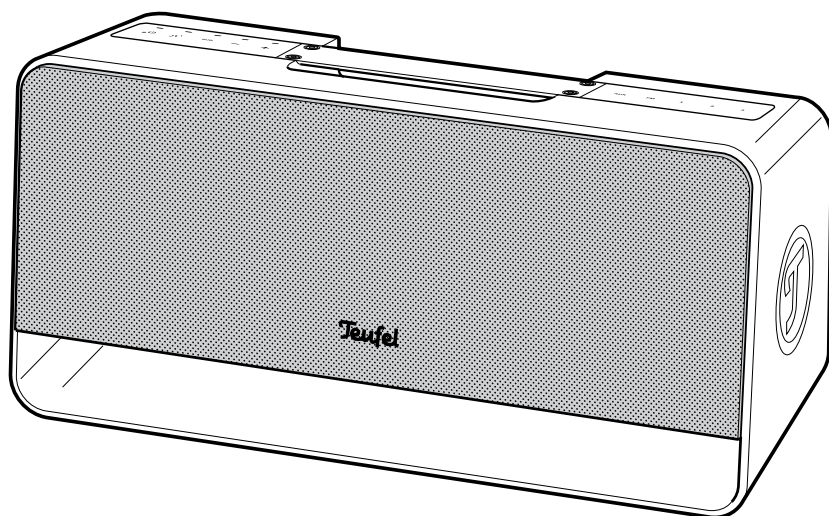


Technical description and instruction manual



BOOMSTER

Mobile active Bluetooth speaker with
integrated FM radio

Teufel

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General notes and information

Notice

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Version 1.0

November 2014

Trademarks


© All trademarks are the property of their respective owners.



Bluetooth® and the Bluetooth symbol are trademarks of Bluetooth SIG, Inc.



aptX® and the aptX symbol are trademarks of CSR plc or associated companies and may be protected in multiple countries.

 The “N-Mark” symbol is a trademark or registered trademark of NFC Forum, Inc. in the USA and other countries.

Original packaging

If you wish to exercise your eight-week right of return, we ask that you be absolutely sure to hold onto the packaging. We can only accept the return of the speakers WITH THE ORIGINAL PACKAGING.

Empty boxes are not available!

Complaints

In case of complaint we will need the following information to process your enquiry:

1. Invoice number

Can be found on the sales slip (enclosed with the product) or on the order confirmation received as a PDF document, e.g. 4322543

2. Serial number or batch number

Located on the back of the device, e.g. serial no.: KB20240129A-123.

Thank-you for your support!

Contact

Please contact our customer service with any questions, suggestions or criticism:

Lautsprecher Teufel GmbH

BIKINI Berlin

Budapester Strasse 44

10787 Berlin (Germany)

Phone 00800 - 200 300 40 (toll-free)

Fax +49 (0)30 / 300 930 930

E-mail: service@teufelaudio.com

www.teufelaudio.com

Proper use

The speaker is designed for the playback of music and speech from the integrated FM radio or an external player.

Only use the speaker as described in this instruction manual. Any other use will be deemed as not in accordance with the instructions and may lead to damage of property or even persons.

The manufacturer cannot be held liable for damages caused by improper use.

The speaker is intended for private use.



Before operating the speakers please read the safety notes and instruction manual carefully. Only in this way, can you ensure that all functions are used in a safe and reliable manner. Store the instruction manual in a safe place and also be sure to pass it on to any subsequent owner.

For your safety

Signal terms

You can find the following signal terms in these instructions:

WARNING

This signal term indicates a moderate risk, which, if not avoided, may result in death or severe injury.

CAUTION

This signal term indicates a low risk, which, if not avoided, may result in minor or moderate injury.

NOTICE

This signal term warns you of potential damage to property.

Safety notes

Improper electrical installation or excessive mains voltage may result in an electrical shock.

- The mains adapter is suitable for a mains voltage of 100 – 240, 50/60 Hz. When connecting the device, make sure that the correct voltage is present. You can find more information in this respect on the nameplate.
- Regularly check the device and the mains adapter for damage. Immediately disconnect the mains plug and do not operate the device if

its housing or mains cord is defective or exhibits other visible damages.

- If the mains cord of the mains adapter is damaged, replace it with an equivalent one.
- This device is disconnected from the grid by pulling the mains plug. Thus, make sure that the mains plug is always easily accessible.
- If the device emits smoke, smells burnt or produces unusual sounds, immediately disconnect it from the mains and do not operate it further.
- Never open the housing of the mains adapter.
The device and mains adapter may only be repaired by an authorised specialist workshop. In the process, only parts that correspond to the original device data may be used.
- Only use the accessory products specified by the manufacturer.
- Only use the mains adapter in indoor areas.
- Do not operate the device in wet rooms and protect it from dripping and splash water. Make sure that no vases or other vessels filled with liquid are located on the device or nearby in order to prevent liquid from penetrating the housing. If water or other debris ends up penetrating the housing, immediately pull the mains plug and take out any batteries. Then send the device to our service address.

- Never modify the device. Unauthorized interventions may affect the safety and functionality.
- Never touch the mains plug with wet hands.

An unsuitable setup location may result in injury and damage.

- If the speaker is not securely mounted, do not use it in vehicles, in unstable locations, on wobbly tripods or furniture, on underdimensioned brackets etc. The speaker may tip or fall over and cause injury to persons or be damaged itself.
- Place the speaker in such a way that it cannot be knocked over inadvertently and make sure that the cables do not pose a trip hazard.
- Do not place the speaker near heat sources (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.).
- Do not use the device in environments where there is a risk of explosion.
- Only use the Bluetooth function in locations where wireless radio transmission is allowed.

Children can become trapped in the packing film when playing and suffocate.

- Do not allow children to play with the device or the packing film. Danger of suffocation.
- Ensure that children do not remove small parts from the device or take them off of the device (e.g. control knobs or plug adapters). They could swallow the parts and choke.

- Never allow children to operate electrical units unsupervised.

Leaking battery acid may lead to chemical burns.

- Do not allow battery acid to come into contact with skin, eyes or mucus membranes. In the event of contact with acid, immediately flush the applicable areas with plenty of clean water and consult a physician if necessary.

Batteries (particularly lithium batteries) can explode if used improperly.




- Never attempt to recharge batteries.
- Only use batteries of the same or equivalent type.
- You may not heat or short circuit batteries and rechargeable batteries or dispose of them in fire.
- Do not expose batteries and rechargeable batteries to direct sunlight.

Extended listening at high volumes may lead to hearing loss.

To avoid damage to health, avoid extended listening at high volumes.

- When the volume is set high, always keep a certain distance from the device and never place your ear directly on the speaker.
- If a speaker is set to full volume, this may produce very high sound pressure. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk. Set your signal source device volume control to a low setting before turning on the power.

Explanation of symbols

	Protection class II Dual insulation
	May only be used indoors
	Polarity on the round connector: outside (-), inside (+)

Overview

Unpacking

- Carefully open the box and carefully lift the BOOMSTER with the EPE foam parts out without touching the diaphragms of the bass speaker on the bottom of the device.

Product contents

- ① 1x BOOMSTER including Li-Ion rechargeable battery
- ② 1x mains adapter
- ③ 1x mains cord

Optional accessories

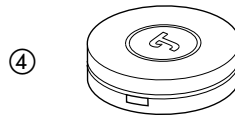
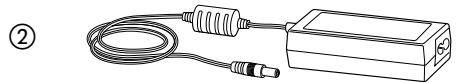
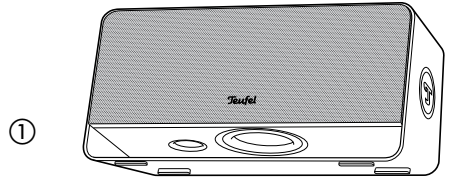
- ④ Remote control "Teufel Puck"

Checking the delivery

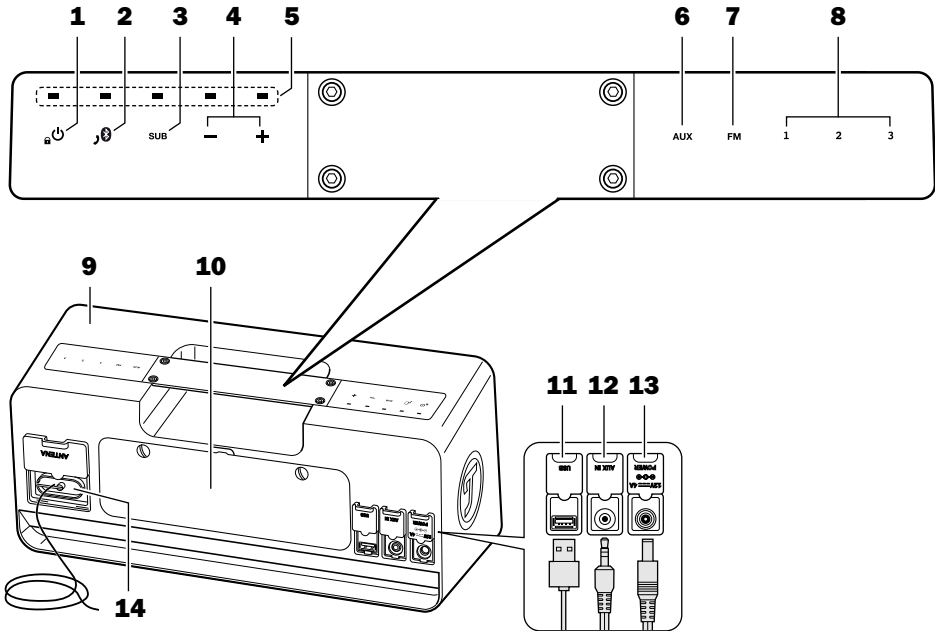
- Check that all items have been delivered and that nothing is damaged.
- If the delivery is incomplete or exhibits transport damages, please contact our service team (see page 3).

NOTICE

Do operate the device if you identify damages on it.



Control elements and connections



Item	Symbol	Description
1		Tap: Turn the device on/off Press and hold: Lock / unlock buttons
2		Tap: Select Bluetooth as a source; accept an incoming call Press and hold: Pairing
3		Activate subwoofer mode
4	- / +	Increase (+)/decrease (-) the volume
5		Volume LEDs
6	AUX	Select input AUX IN (12)


Item	Symbol	Description
7	FM	Select FM radio / set stations
8	1 2 3	Station buttons for radio stations
9	NFC	NFC contact zone
10		Battery/rechargeable battery compartment
11	USB	USB jack
12	AUX IN	AUX input jack
13	DC IN	Input jack for mains adapter ②
14		FM antenna

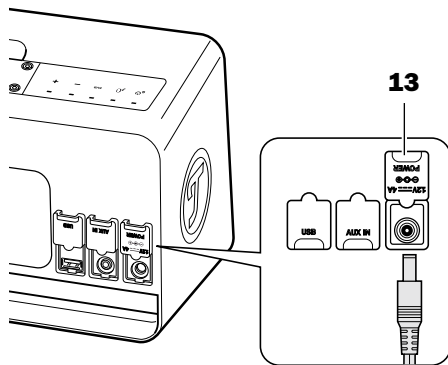
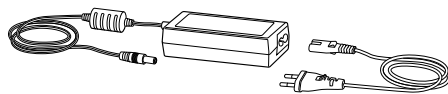
Preparation

Power supply

The BOOMSTER is delivered with a Li-Ion rechargeable battery for mobile operation.

- For stationary operation and charging the rechargeable battery, connect the enclosed mains adapter to the **DC IN (13)** jack.
- Before first use, charge the rechargeable batteries for approximately 3.5 hours.

During the charge process, the  button **(1)** will flash. It will stop flashing once the rechargeable battery is fully charged.



CAUTION

Batteries (particularly lithium batteries) can explode if used improperly.

- Never attempt to recharge batteries.
- Only use batteries of the same or equivalent type.
- You may not heat or short circuit batteries and rechargeable batteries or dispose of them in fire.
- Do not expose batteries and rechargeable batteries to direct sunlight.

Leaking battery acid may lead to chemical burns.

- Do not allow battery acid to come into contact with skin, eyes or mucus membranes. In the event of contact with acid, immediately flush the applicable areas with plenty of clean water and consult a physician if necessary.

Battery operation


The BOOMSTER can also be operated with AA batteries instead of the enclosed rechargeable battery. For this, proceed as follows:

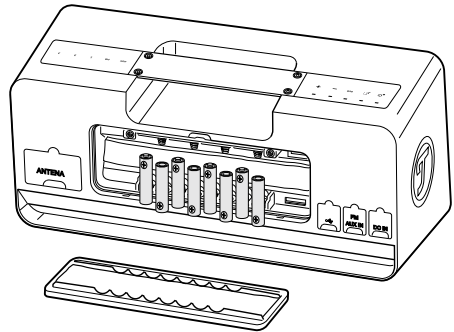
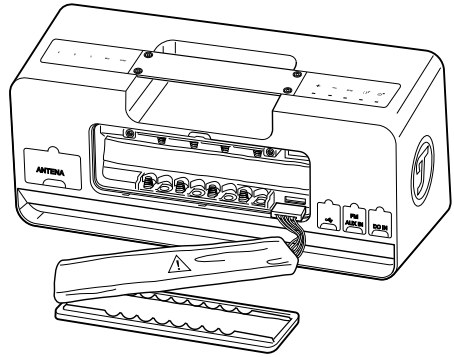
1. Open the battery compartment by turning the two screws on the cover counterclockwise (e.g. using a coin).
2. Pull the rechargeable battery plug carefully out of the jack and remove the rechargeable battery.
3. Insert 8 batteries in the battery compartment.

NOTICE

When inserting the batteries in the compartment, make sure that the polarity is correct.

4. Close the battery compartment and tighten the screws.

i If the batteries are weak or the charge of the rechargeable battery gets low, the  button **(1)** will flash. In this case, replace the batteries or connect the mains adapter.



Use

CAUTION



Extended listening at high volumes may lead to hearing loss.



- *To avoid damage to health, avoid extended listening at high volumes.*
- *When the volume is set high, always keep a certain distance from the device and never place your ear directly on the speaker.*
- *If a speaker is set to full volume, this may produce very high sound pressure. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk. Set your signal source device volume control to a low setting before turning on the power.*

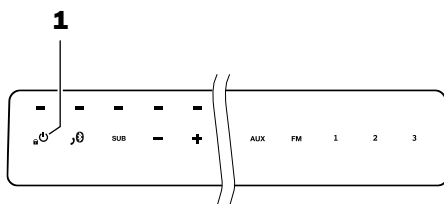
NOTICE

If the device is subjected to warm temperatures after being cold (e.g. after transport), condensation may occur inside of it.



- *In this case, wait at least 2 hours before you connect and activate it.*

Activating and deactivating

- Push the  button **(1)** for approx. one second to turn on the BOOMSTER.
- Push the  button **(1)** again to deactivate the BOOMSTER (operation with rechargeable battery) or to standby (operation with mains adapter).



Keylock

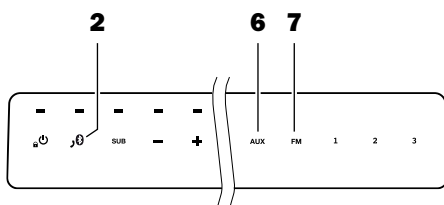
- Push and hold the  button **(1)** for approx. 3 seconds.
All buttons will blink and are now locked.
- Push to unlock them and hold the  button **(1)** down again for approx. 3 seconds. The buttons will stop flashing and will again function as usual.

Auto-off

- The device will automatically deactivate if no input signal is received for 20 minutes.

Selecting a source

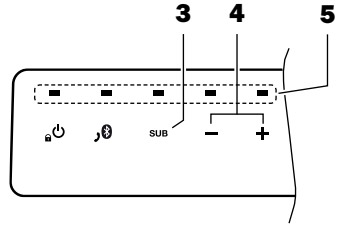
- With the buttons **(2)**, **(6)** and **(7)**, select the external player (source) or radio operation.
You can find further details in the following chapters.



Volume

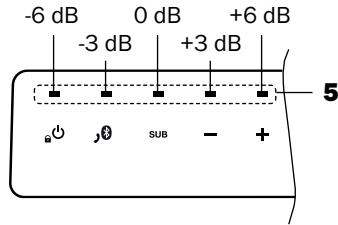
Setting the master volume

- You can increase or decrease the volume with the +/- (4) buttons. The current volume is indicated by the volume LEDs (5).
The LEDs have 3 levels of brightness depending on the volume setting. At the lowest volume, only the left LED is illuminated at low brightness; at full volume, all 5 LEDs are illuminated at full brightness.
When the volume is adjusted, the +/- (4) buttons remain illuminated briefly.



Adjusting the subwoofer volume

- Push the **SUB (3)** button to activate the subwoofer mode.
The button will illuminate. The current volume setting for the subwoofer is shown by the volume LEDs (5).
- As soon as the **SUB (3)** button lights up, you can set the subwoofer volume to 5 different levels using the +/- (4) buttons.
- To exit subwoofer mode, you can press the **SUB (3) button** again. Otherwise, the mode will automatically end after approx. 5 seconds of key inactivity.

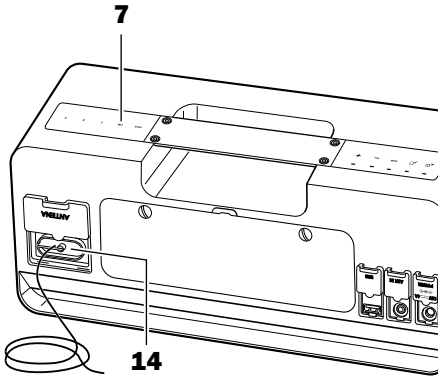


Radio

The BOOMSTER is equipped with an FM radio. Three memory slots are available for your favourite stations. The integrated throw-out aerial ensures good reception.

Selecting the radio

- Open the antenna compartment and unwind the FM antenna (**14**). If applicable, adjust its position for better reception later.
- Briefly push the **FM (7)** button to select the radio. The **FM** button will now illuminate.

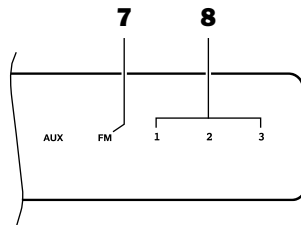


Setting stations

- Tap the **FM (7)** button again to scan for the next radio station and set it. If necessary, push the **FM (7) button** again until you have found the desired station. Noise can be heard while the radio scans for stations.

Saving and accessing stations

- If you would like to save the set station, push and hold one of the station buttons (**8**) for approx. 3 seconds. The station button and **FM (7)** button will flash three times. The station has now been saved to this station button.
- You can access the saved stations by briefly pressing the corresponding station button.



AUX

Connection

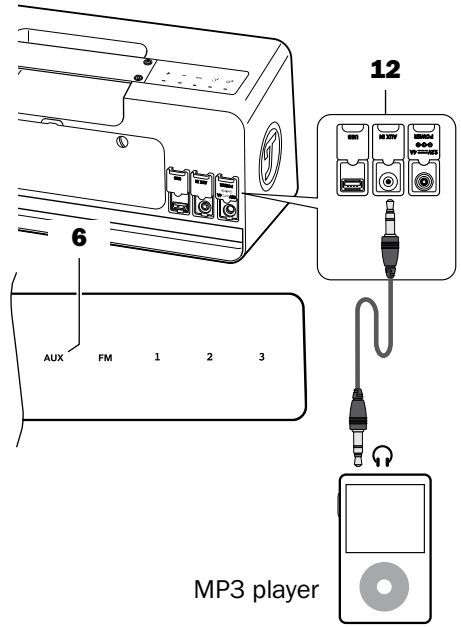
The **AUX IN (12)** jack serves to connect an external player using a stereo cable with a 3.5 mm jack plug. You can connect any external players with a line-out jack or earphone jack.

Settings

1. Push the **AUX (6)** button to select the AUX input.
The button will illuminate.
2. Start playback on your external player.

i The volume setting of the external player affects the volume of the BOOMSTER.

3. Use your external player to control all playback functions. You can only adjust the volume and subwoofer volume on the BOOMSTER.



Bluetooth



Via Bluetooth, you can establish a wireless connection between a compatible external player and the BOOMSTER. The audio output of your external player is then emitted by the BOOMSTER.

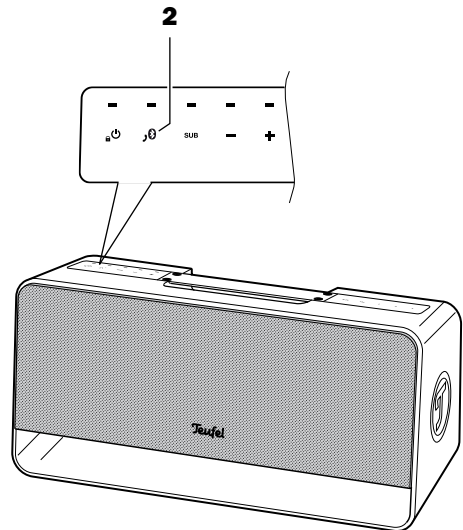
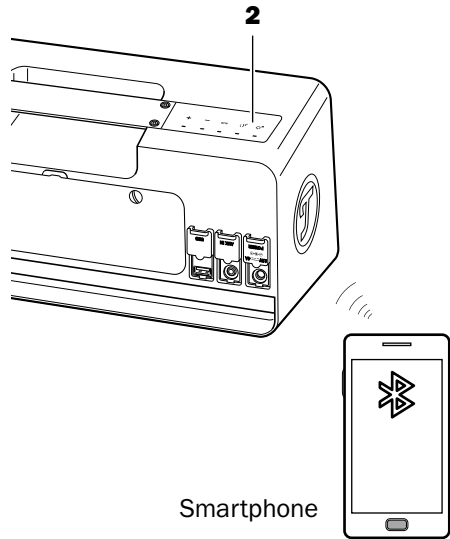
NOTICE

Only use the Bluetooth function in locations where wireless radio transmission is allowed.

Please keep in mind that the Bluetooth and NFC behaviour may differ depending on the external player's operating system.

Pairing

1. Activate the Bluetooth function on your external player (e.g. smartphone).
2. Use the  (2) button to select the “Bluetooth” input on the BOOMSTER. The button will illuminate.
3. Push the  (2) button and hold it for approx. 3 seconds. The button will flash. The device is now in pairing mode.
4. Let your external player/smartphone scan for Bluetooth devices. You will find more information about this in the instruction manual of your external player. “Teufel BOOMSTER” should also appear in the list of detected devices following the scan.
5. Select “Teufel BOOMSTER” from the list of detected devices. Pairing is now complete and your



BOOMSTER will now act as a Bluetooth playback device. The BOOMSTER will now play back all sounds that would otherwise be played by your external player/smartphone.



The volume setting of the external player/smartphone also affects the volume of the BOOMSTER.

6. To terminate the Bluetooth connection, unpair the BOOMSTER or deactivate the Bluetooth connection on your external player/smartphone.

Bluetooth options

Depending on the device type, your external player/smartphone may also have a number of Bluetooth options such as media playback and call function. Here you can activate and deactivate the options according to your wishes.

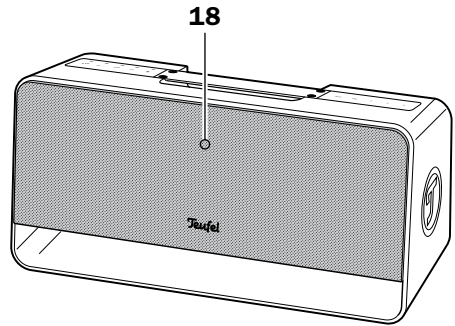
You can find more information about the Bluetooth options in the instruction manual for your external player/smartphone.

Call function

If you activated the call function on your smartphone and there is a Bluetooth connection to the BOOMSTER, you can use the BOOMSTER as a hands-free device.


1. The **Ⓜ** (2) button will flash in the event of an incoming call.
Push the **Ⓜ** (2) button to answer the call.
Any media playback will be interrupted. Now you can answer the call via your BOOMSTER with the integrated microphone (18).
2. Push the **Ⓜ** (2) button again to end the call.
Media playback will resume.

i If there is a Bluetooth connection to the BOOMSTER, but AUX or FM has been selected, the BOOMSTER will automatically switch to Bluetooth in the event of an incoming call. After the call ends, the BOOMSTER will return to the previous source.



NFC

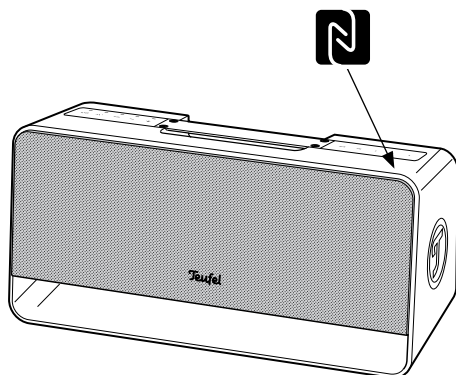
NFC (Near Field Communication) is a transmission standard for the wireless exchange of data over short distances. Your BOOMSTER can create a connection to a compatible external player via NFC.

1. Turn the NFC function on your external player on (Bluetooth does not have to be turned on for the external player).
2. Hold your external player close to the NFC contact zone  on the top of the BOOMSTER.

If FM or AUX is selected as the source, the BOOMSTER will automatically switch to Bluetooth mode. After a short time, you will be asked to allow the NFC connection.

3. Confirm the request on your external player.

The Bluetooth connection has now been established.



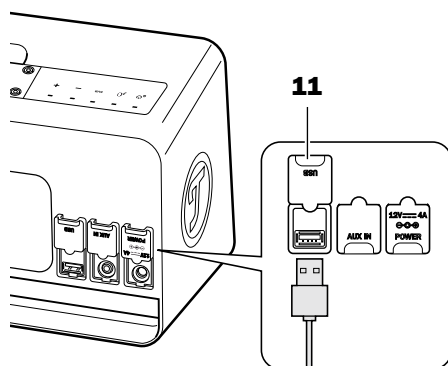
USB

The USB jack **(11)** serves as a power supply for external players like MP3 players or smartphones.

You can connect all devices operating at a voltage of 5 V DC and requiring no more than 500 mA to this jack.

NOTICE

Please keep in mind that charging a device may reduce the rechargeable battery operating time of the BOOMSTER.

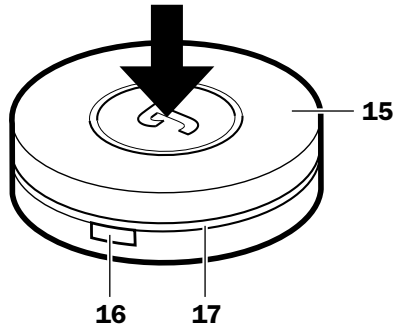


Remote control

You can use the “Teufel Puck” remote control as an optional accessory.

Functions

- **Activating and deactivating the BOOMSTER:** Push the cover (15) for approx. 3 seconds. Tapping the cover is sufficient to switch on from standby.
- **Selecting a source:** Push the button (16) repeatedly.
- **Adjusting the volume:** Turn the cover (15).
- **Mute:** Tap the cover (15).



Pairing the remote control

1. Switch the BOOMSTER on.
2. Position the remote control at a distance of no more than 25 cm to the BOOMSTER.
3. Hold the button (16) down until the LED ring (17) starts to blink. Then release the button.
 - Blinks three times: Pairing was successful.
 - Blinks ten times: Pairing failed and must be repeated.

Changing the batteries

The remote control is powered by 2 type AAA batteries. Simply pull off the cover to open the battery compartment.

NOTICE

When inserting the batteries in the compartment, make sure that the polarity is correct.

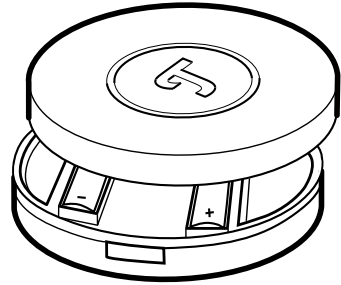
CAUTION

Batteries (particularly lithium batteries) can explode if used improperly.

- Never attempt to recharge batteries.
- Only use batteries of the same or equivalent type.
- You may not heat, short circuit batteries and rechargeable batteries, dispose of them in fire or expose them to direct sunlight.

Leaking battery acid may lead to chemical burns.

- Do not allow battery acid to come into contact with skin, eyes or mucus membranes. In the event of contact with acid, immediately flush the applicable areas with plenty of clean water and consult a physician if necessary.



Cleaning & Maintenance

NOTICE

External influences may damage or destroy the device.

- *If the device is to be left unsupervised for a long period (e.g. during a holiday), or if a thunderstorm is forecast, disconnect the mains plug from the socket. Otherwise, sudden overvoltage could cause the device to become defective.*
 - *In the event of prolonged absence, remove the batteries from the remote control. Leaked batteries may damage the remote control.*
 - *If possible, only use plain water without any additives. In case of stubborn marks, a mild soap solution may be used.*
- *Do not use caustic cleaning products, white spirit, thinners, petrol or similar under any circumstances. Such cleaning agents may damage the delicate surface of the housing.*
 - Ideally, you should remove dust or small amounts of dirt with a dry, smooth leather cloth.
 - Use a damp cloth to rub off stubborn dirt. Make sure that no liquid penetrates the housing.
 - Then immediately wipe the damp surfaces off with a soft cloth without applying pressure.

Troubleshooting

The following advice should help you to solve problems. If this does not help, you will find useful information in the detailed FAQs on our website. Otherwise, please contact our hotline (see page 4). Take note of the warranty instructions.

Problem	Possible cause	Solution
The BOOMSTER doesn't emit sound.	No power supply.	Check to make sure that the mains adapter is properly connected (see "Power supply" on page 10).
		Check the function of the socket with another device.
		Charging the rechargeable battery and/or changing the batteries.
No sound.	The wrong source has been selected.	Select the correct source (see "Selecting a source" on page 13).
	The volume is set to "0".	Increase the volume.
	Volume of the external player has been set to zero.	Carefully increase the volume of the external player.
No sound in Bluetooth mode.	No Bluetooth connection.	Establish a connection (see "Pairing" on page 17).
	BOOMSTER has not been selected as the output device.	On the external player, select "BOOMSTER" as the Bluetooth output device.
	Bluetooth connection impaired by another radio system (e.g. cordless telephone, Wi-Fi).	Set up the BOOMSTER and/or external player in another location. Move to another room to test.
Playback is noisy.	Generally speaking, the BOOMSTER is a very low-noise system. The device with very high resolution in the high range area can expose the poor quality of a signal source (e.g. from MP3 files).	Make sure that the external player emits a clear signal to the BOOMSTER.

Protecting the environment



Used units must not be disposed of with household waste!

■ If the device is no longer operational, every consumer is required by law to dispose of old devices separately from household waste, e.g. at a collection point run by the communal authority/boroughs. This ensures that old devices are recycled in a professional manner and also rules out negative consequences for the environment.

For this reason, electrical equipment is marked with the following symbol.



Batteries and rechargeable batteries do not belong in the household garbage!

Every consumer is required by law to bring all batteries and rechargeable batteries, regardless whether they contain harmful substances*) or not, to a collection point run by the communal authority or borough or to a retailer, so that they can be disposed of in an environmentally friendly manner.

Please only turn in batteries and rechargeable batteries which are empty!

*) labelled with: Cd = cadmium, Hg = mercury, Pb = lead

Technical data

Dimensions (WxHxD): 370 x 180 x 145 mm

Weight: 3.35 kg

Mains adapter: Input 100-240 V~; 50/60 Hz; 60 W

Output 12 V DC; 4 A

Rechargeable battery: Li-Ion 11.4 V; 4400 mAh

Batteries: 8 pieces, type AA (not included in the product contents)

You can find further technical data on our website.

Technical changes reserved!



This product conforms with Council of the European Union guidelines 2004/108/EC, 2006/95/EC and 1999/5/EC.



EG-Konformitätserklärung EU-Declaration of Conformity

Hiermit bestätigen wir, dass das nachfolgend bezeichnete Gerät den angegebenen-Richtlinien entspricht.

We herewith confirm that the appliance as detailed below complies with the mentioned directives.

Artikelbezeichnung: Boomster

Article description:

Firmenanschrift: Teufel Lautsprecher GmbH
Company address: Budapester Straße 44
D-10787 Berlin

Einschlägige EG-Richtlinien / Governing EU-directives / Directives CE concernées :

- | | |
|--|---|
| <input checked="" type="checkbox"/> 1. Elektromagnetische Verträglichkeit (EMV)
Electromagnetic compatibility (EMC)
2004/108/EC | <input checked="" type="checkbox"/> 2. Niederspannungs-Richtlinie
Low-voltage directive
2006/95/EC |
| <input type="checkbox"/> 3. Sicherheit von Spielzeug
Safety of toys
88/378/EEC, amended 93/68/EEC | <input type="checkbox"/> 4. Medizinprodukte (Klasse 1)
Medical device directive (Class 1)
93/42/EEC |
| <input checked="" type="checkbox"/> 5. Funkanlagen und
Telekommunikationsendrichtungen
Radio and Telecommunication Terminal Equipment
R&TTE 1999/5/EC | <input checked="" type="checkbox"/> 6. Ökodesign – Richtlinie
Energy – Using – Product – Directive (EuP)
2009/125/EEC |
| <input checked="" type="checkbox"/> 7. Richtlinie zur Beschränkung der Verwendung
bestimmter gefährlicher Stoffe in Elektro- und
Elektronikgeräten (RoHS- Richtlinie 2011/65/EC) | |

Harmonisierte EN-Normen / Harmonised EN-Standards

Der Artikel entspricht folgenden, zur Erlangung des CE-Zeichens erforderlichen Normen:
The article complies with the standards as mentioned below which are necessary to obtain the CE-symbol:

DIN EN 55013:2013
DIN EN 55020:2012
DIN EN 61000-3-2:2010
DIN EN 61000-3-3:2014
DIN EN 60065: 2011
DIN EN 62133: 2013
DIN EN 62321: 2009
ETSI EN 301489-1
ETSI EN 301489-09
ETSI EN 300328 V 1.8.1:
Verordnung 1275/2008
Verordnung 0278/2009
UN38.3

Edgar van Velzen

Geschäftsführer

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Teufel

Please contact our customer service with any questions, suggestions or criticism:

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No responsibility is assumed for the correctness of this information.
Technical changes, typographical errors and other errors reserved.

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